

Admission Year	2023	Program	Master
Plan Type	Comprehe	Semester	Summer
Hours	nsive	Item Type	Department Elective
Group NO	exam	Max Regestration hrs	9
Faculty	9		
Department	1		
Special Department	Hijjawi For Engineering Technology		
Gender	Computer Engineering		
	Computer Engineering		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
CPE 601	Wireless Computer Networks	3		()	Blended
CPE 602	Reliability and Fault Tolerance of Computer Networks	3		()	Blended
CPE 603	Multimedia Networking and Communication	3		()	Blended
CPE 604	Network Flows	3		()	Online
CPE 610	Big Data and Cloud Computing Fundamentals	3		()	Blended
CPE 611	PRINCIPLES OF CAD/CAM SYSTEMS	2		(هـ ٦١١)	Blended
CPE 612	Artificial Intelligence and Machine Learning	3		(هـ ٦١٥)	Blended
CPE 613	Advanced Algorithms	3		()	Online
CPE 621	Design of Digital Systems Using FPGAs	3		()	Blended
CPE 622	Digital Hardware Design Using VHDL	3		()	Blended
CPE 623	Real-time Embedded Systems	3		()	Blended
CPE 631	Parallel System Architectures	3		()	Blended
CPE 632	Parallel and High-Performance Computing	3		()	Blended
CPE 633	Data Intensive Computing	3		()	Online
CPE 692	Special Topics in Computer Engineering	3		(هـ ٦٩١)	Blended

Admission Year	2023	Program	Master
Plan Type	Comprehe	Semester	Summer
Hours	nsive	Item Type	Department Mandatory
Group NO	exam	Max Regestration hrs	24
Faculty	24		
Department	1		
Special Department	Hijjawi For Engineering Technology		
Gender	Computer Engineering		
	Computer Engineering		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
CPE 600	Advanced Computer Networks	3		()	Normal
CPE 620	Embedded Systems	3		(هـ ١٦٤٢)	Blended
CPE 630	Distributed Systems	3		()	Blended
CPE 680	Advanced Computer Architecture	3		()	Normal
CPE 681	Advanced Computer Operating Systems	3		()	Normal
CPE 682	Systems Modeling and Simulation	3		(هـ ٦٢٣)	Normal
CPE 690	SCIENTIFIC WRITING AND COMMUNICATION	2		()	Blended
CPE 691	SEMINAR	1		(هـ ٦٩٠)	Blended
CPE 694	GRADUATE PROJECT	3		()	Normal
CPE 698	COMPREHENSIVE EXAM	0		(هـ ٦٩٨)	Blended